

=> d his

(FILE 'HOME' ENTERED AT 19:14:39 ON 31 JAN 2005)

FILE 'CAPLUS, MEDLINE, BIOSIS, USPATFULL' ENTERED AT 19:14:59 ON 31 JAN 2005

L1	0 S LECINE437
L2	1 S L437W
L3	0 S IL589
L4	43 S A438
L5	1 S L4 AND NAV
L6	0 S IL589
L7	0 S IL 589
L8	7 S RAT NAV
L9	1 S L8 AND MUTANT
L10	0 S L9 AND IL589
L11	0 S L9 AND A438

L2 ANSWER 1 OF 1 USPATFULL on STN  
AN 2004:334707 USPATFULL  
TI Screen for sodium channel modulators  
IN Wang, Sho-Ya, Voorheesville, NY, UNITED STATES  
PI US 2004265788 A1 20041230  
AI US 2003-608584 A1 20030626 (10)  
DT Utility  
FS APPLICATION  
LN.CNT 1839  
INCL INCLM: 435/004.000  
NCL NCLM: 435/004.000  
IC [7]  
ICM: C12Q001-00

=> s il589

L3 0 IL589

=> s a438

L4 43 A438

=> s l4 and Nav

L5 1 L4 AND NAV

=> d 15

L5 ANSWER 1 OF 1 USPATFULL on STN  
AN 2004:334707 USPATFULL  
TI Screen for sodium channel modulators  
IN Wang, Sho-Ya, Voorheesville, NY, UNITED STATES  
PI US 2004265788 A1 20041230  
AI US 2003-608584 A1 20030626 (10)  
DT Utility  
FS APPLICATION  
LN.CNT 1839  
INCL INCLM: 435/004.000  
NCL NCLM: 435/004.000  
IC [7]  
ICM: C12Q001-00

=> s il589

L6 0 IL589

=> s il 589

L7 0 IL 589

=> s rat Nav

L8 7 RAT NAV

=> s l8 and mutant

L9 1 L8 AND MUTANT

=> d 19

L9 ANSWER 1 OF 1 USPATFULL on STN  
AN 2004:314535 USPATFULL  
TI Sodium channel regulators and modulators  
IN Okuse, Kenji, London, UNITED KINGDOM  
Baker, Mark, London, UNITED KINGDOM  
Poon, Louisa, London, UNITED KINGDOM

Wood, John Nicholas, London, UNITED KINGDOM  
Malik-Hall, Misbah, London, UNITED KINGDOM

PI US 2004248207 A1 20041209  
AI US 2004-487337 A1 20040713 (10)  
WO 2002-GB3852 20020820  
PRAI GB 2001-20238 20010820  
DT Utility  
FS APPLICATION  
LN.CNT 3623  
INCL INCLM: 435/007.200  
NCL NCLM: 435/007.200  
IC [7]  
ICM: G01N033-53  
ICS: G01N033-567

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> s 19 and il589  
L10 0 L9 AND IL589

=> s 19 and a438  
L11 0 L9 AND A438

=> d his

(FILE 'HOME' ENTERED AT 20:09:26 ON 31 JAN 2005)

FILE 'MEDLINE' ENTERED AT 20:09:35 ON 31 JAN 2005

E WANG SHO /AU

L1

12 S E4

L2

12 DUP REM L1 (0 DUPLICATES REMOVED)

L1 ANSWER 1 OF 12 MEDLINE on STN  
 AN 2004598935 IN-PROCESS  
 DN PubMed ID: 15545401  
 TI Block of inactivation-deficient Na<sup>+</sup> channels by local anesthetics in stably transfected mammalian cells: evidence for drug binding along the activation pathway.  
 AU **Wang Sho-Ya**; Mitchell Jane; Moczydlowski Edward; Wang Ging Kuo  
 CS Department of Biology, State University of New York at Albany, NY 12222, USA.  
 NC GM48090 (NIGMS)  
 HL66076 (NHLBI)  
 SO Journal of general physiology, (2004 Dec) 124 (6) 691-701.  
 Journal code: 2985110R. ISSN: 0022-1295.  
 CY United States  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS IN-PROCESS; NONINDEXED; Priority Journals  
 ED Entered STN: 20041202  
 Last Updated on STN: 20050122

=> dup rem l1

PROCESSING COMPLETED FOR L1

L2 12 DUP REM L1 (0 DUPLICATES REMOVED)

=> d 12 1-11

L2 ANSWER 1 OF 12 MEDLINE on STN  
 AN 2004598935 IN-PROCESS  
 DN PubMed ID: 15545401  
 TI Block of inactivation-deficient Na<sup>+</sup> channels by local anesthetics in stably transfected mammalian cells: evidence for drug binding along the activation pathway.  
 AU **Wang Sho-Ya**; Mitchell Jane; Moczydlowski Edward; Wang Ging Kuo  
 CS Department of Biology, State University of New York at Albany, NY 12222, USA.  
 NC GM48090 (NIGMS)  
 HL66076 (NHLBI)  
 SO Journal of general physiology, (2004 Dec) 124 (6) 691-701.  
 Journal code: 2985110R. ISSN: 0022-1295.  
 CY United States  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS IN-PROCESS; NONINDEXED; Priority Journals  
 ED Entered STN: 20041202  
 Last Updated on STN: 20050122

L2 ANSWER 2 OF 12 MEDLINE on STN  
 AN 2004056743 MEDLINE  
 DN PubMed ID: 14608007  
 TI Mexiletine block of wild-type and inactivation-deficient human skeletal muscle hNav1.4 Na<sup>+</sup> channels.  
 AU Wang Ging Kuo; Russell Corinna; **Wang Sho-Ya**  
 CS Department of Anaesthesia, Harvard Medical School and Brigham and Women's Hospital, Boston, MA, USA.. wang@zeus.bwh.harvard.edu  
 NC GM 48090 (NIGMS)  
 HL 66076 (NHLBI)  
 SO Journal of physiology, (2004 Feb 1) 554 (Pt 3) 621-33.  
 Journal code: 0266262. ISSN: 0022-3751.  
 CY England: United Kingdom  
 DT Journal; Article; (JOURNAL ARTICLE)

LA English  
 FS Priority Journals  
 EM 200411  
 ED Entered STN: 20040204  
 Last Updated on STN: 20041117  
 Entered Medline: 20041116

L2 ANSWER 3 OF 12 MEDLINE on STN  
 AN 2004374506 MEDLINE  
 DN PubMed ID: 15275764  
 TI State-dependent block of voltage-gated Na<sup>+</sup> channels by amitriptyline via the local anesthetic receptor and its implication for neuropathic pain.  
 AU Wang Ging Kuo; Russell Corinna; **Wang Sho-Ya**  
 CS Department of Anesthesia, Brigham and Women's Hospital and Harvard Medical School, 75 Francis Street, Boston, MA 02115, USA..  
 wang@zeus.bwh.harvard.edu  
 SO Pain, (2004 Jul) 110 (1-2) 166-74.  
 Journal code: 7508686. ISSN: 0304-3959.  
 CY Netherlands  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals  
 EM 200410  
 ED Entered STN: 20040728  
 Last Updated on STN: 20041026  
 Entered Medline: 20041025

L2 ANSWER 4 OF 12 MEDLINE on STN  
 AN 2004056345 MEDLINE  
 DN PubMed ID: 14757121  
 TI Electrophysiologic properties of lidocaine, cocaine, and n-3 fatty-acids block of cardiac Na<sup>+</sup> channels.  
 AU Xiao Yong-Fu; Ke Qingen; **Wang Sho-Ya**; Yang Yinke; Chen Yu; Wang Ging Kuo; Morgan James P; Cox Benjamin; Leaf Alexander  
 CS Department of Medicine, Beth Israel Deaconess Medical Center and Massachusetts General Hospital, Harvard Medical School, Boston, MA 02215, USA.  
 NC DA11762 (NIDA)  
 DK38165 (NIDDK)  
 GM35401 (NIGMS)  
 HL62284 (NHLBI)  
 SO European journal of pharmacology, (2004 Feb 6) 485 (1-3) 31-41.  
 Journal code: 1254354. ISSN: 0014-2999.  
 CY Netherlands  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals  
 EM 200410  
 ED Entered STN: 20040204  
 Last Updated on STN: 20041006  
 Entered Medline: 20041005

L2 ANSWER 5 OF 12 MEDLINE on STN  
 AN 2003239448 MEDLINE  
 DN PubMed ID: 12761351  
 TI Point mutations at L1280 in Nav1.4 channel D3-S6 modulate binding affinity and stereoselectivity of bupivacaine enantiomers.  
 AU Nau Carla; **Wang Sho-Ya**; Wang Ging Kuo  
 CS Department of Anesthesiology, Friedrich-Alexander-University Erlangen-Nuremberg, Krankenhausstrasse 12, 91054 Erlangen, Germany..  
 Carla.Nau@kfa.imed.uni-erlangen.des  
 NC GM 35401 (NIGMS)

GM 48090 (NIGMS)  
 HL 66076 (NHLBI)  
 SO Molecular pharmacology, (2003 Jun) 63 (6) 1398-406.  
 Journal code: 0035623. ISSN: 0026-895X.  
 CY United States  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals  
 EM 200306  
 ED Entered STN: 20030523  
 Last Updated on STN: 20030627  
 Entered Medline: 20030626

L2 ANSWER 6 OF 12 MEDLINE on STN  
 AN 2003353108 MEDLINE  
 DN PubMed ID: 12885638  
 TI Tryptophan scanning of D1S6 and D4S6 C-termini in voltage-gated sodium channels.  
 AU **Wang Sho-Ya**; Bonner Kaitlin; Russell Corinna; Wang Ging Kuo  
 CS Department of Biology, State University of New York at Albany, Albany, New York, USA.  
 NC HL66076 (NHLBI)  
 SO Biophysical journal, (2003 Aug) 85 (2) 911-20.  
 Journal code: 0370626. ISSN: 0006-3495.  
 CY United States  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals  
 EM 200405  
 ED Entered STN: 20030730  
 Last Updated on STN: 20040525  
 Entered Medline: 20040524

L2 ANSWER 7 OF 12 MEDLINE on STN  
 AN 2003237767 MEDLINE  
 DN PubMed ID: 12626674  
 TI Veratridine block of rat skeletal muscle Nav1.4 sodium channels in the inner vestibule.  
 AU Wang Ging Kuo; **Wang Sho-Ya**  
 CS Department of Anesthesia, Harvard Medical School and Brigham and Women's Hospital, Boston, MA, USA.. wang@zeus.bwh.harvard.edu  
 NC GM35401 (NIGMS)  
 HL66076 (NHLBI)  
 SO Journal of physiology, (2003 May 1) 548 (Pt 3) 667-75.  
 Journal code: 0266262. ISSN: 0022-3751.  
 CY England: United Kingdom  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals  
 EM 200408  
 ED Entered STN: 20030523  
 Last Updated on STN: 20031217  
 Entered Medline: 20040819

L2 ANSWER 8 OF 12 MEDLINE on STN  
 AN 2003464184 MEDLINE  
 DN PubMed ID: 12913091  
 TI State-dependent block of wild-type and inactivation-deficient Na<sup>+</sup> channels by flecainide.  
 AU Wang Ging Kuo; Russell Corinna; **Wang Sho-Ya**  
 CS Department of Anesthesia, Brigham and Women's Hospital, 75 Francis St., Boston, MA 02115, USA.. wang@zeus.bwh.harvard.edu

NC GM48090 (NIGMS)  
 HL66076 (NHLBI)  
 SO Journal of general physiology, (2003 Sep) 122 (3) 365-74.  
 Journal code: 2985110R. ISSN: 0022-1295.  
 CY United States  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals  
 EM 200405  
 ED Entered STN: 20031008  
 Last Updated on STN: 20040522  
 Entered Medline: 20040521

L2 ANSWER 9 OF 12 MEDLINE on STN  
 AN 2003285949 MEDLINE  
 DN PubMed ID: 12812762  
 TI A tyrosine residue in TM6 of the Vanilloid Receptor TRPV1 involved in desensitization and calcium permeability of capsaicin-activated currents.  
 AU Mohapatra Durga Prasanna; **Wang Sho-Ya**; Wang Ging Kuo; Nau Carla  
 CS Department of Anesthesiology, Friedrich-Alexander-University Erlangen-Nuremberg, 91054 Erlangen, Germany.  
 SO Molecular and cellular neurosciences, (2003 Jun) 23 (2) 314-24.  
 Journal code: 9100095. ISSN: 1044-7431.  
 CY United States  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals  
 EM 200309  
 ED Entered STN: 20030619  
 Last Updated on STN: 20031001  
 Entered Medline: 20030930

L2 ANSWER 10 OF 12 MEDLINE on STN  
 AN 2002702779 MEDLINE  
 DN PubMed ID: 12464386  
 TI Voltage-gated sodium channels as primary targets of diverse lipid-soluble neurotoxins.  
 AU **Wang Sho-Ya**; Wang Ging Kuo  
 CS Department of Biology, State University of New York at Albany, Albany, NY 12222, USA.. wang@zeus.bwh.harvard.edu  
 SO Cellular signalling, (2003 Feb) 15 (2) 151-9. Ref: 68  
 Journal code: 8904683. ISSN: 0898-6568.  
 CY England: United Kingdom  
 DT Journal; Article; (JOURNAL ARTICLE)  
 General Review; (REVIEW)  
 (REVIEW LITERATURE)  
 LA English  
 FS Priority Journals  
 EM 200308  
 ED Entered STN: 20021217  
 Last Updated on STN: 20030829  
 Entered Medline: 20030828

L2 ANSWER 11 OF 12 MEDLINE on STN  
 AN 2002300870 MEDLINE  
 DN PubMed ID: 12040081  
 TI PKA/AKAP/VR-1 module: A common link of Gs-mediated signaling to thermal hyperalgesia.  
 AU Rathee Parvinder Kaur; Distler Carsten; Obreja Otilia; Neuhuber Winfried; Wang Ging Kuo; **Wang Sho-Ya**; Nau Carla; Kress Michaela  
 CS Institute of Physiology, Department of Anaesthesiology, University of Erlangen, D-91054 Erlangen, Germany.. ihan@phy.ucsf.edu



SO Journal of neuroscience : official journal of the Society for  
Neuroscience, (2002 Jun 1) 22 (11) 4740-5.  
Journal code: 8102140. ISSN: 1529-2401.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 200207  
ED Entered STN: 20020604  
Last Updated on STN: 20020707  
Entered Medline: 20020705